

## **ABSTRACT**

1        A method for enlarging communication range of bluetooth data applicable to  
2        a communication system, comprising at least a client electronic machine, a  
3        bluetooth server, and a bluetooth agent. By taking advantage of a Bluetooth Agent  
4        Application Profile of the bluetooth agent, the method capable of enlarging  
5        communication range of bluetooth data comprises: a searching procedure for the  
6        bluetooth agent to search the bluetooth server periodically for related service  
7        information; a searching procedure for the client electronic machine to search the  
8        bluetooth agent for bluetooth service; a linking procedure for the bluetooth agent to  
9        request the bluetooth server for linking after receipt of a link request from the  
10      client end; a data transmission procedure; and an unlink procedure.